

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/579,606  
Source: 1FWP  
Date Processed by STIC: 5/26/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 05/26/2006

PATENT APPLICATION: US/10/579,606

TIME: 08:17:20

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05262006\J579606.raw

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5 <110> APPLICANT: Crusade Laboratories Limited
7     Brown, Susanne M
9     Dunn, Paul
13 <120> TITLE OF INVENTION: Mutant Viruses
17 <130> FILE REFERENCE: 6947-75756-01
C--> 21 <140> CURRENT APPLICATION NUMBER: US/10/579,606
C--> 21 <141> CURRENT FILING DATE: 2006-05-16
21 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/004851
23 <151> PRIOR FILING DATE: 2004-11-17
27 <150> PRIOR APPLICATION NUMBER: GB 0326798.6
29 <151> PRIOR FILING DATE: 2003-11-17
33 <160> NUMBER OF SEQ ID NOS: 2
37 <170> SOFTWARE: PatentIn version 3.1
41 <210> SEQ ID NO: 1
43 <211> LENGTH: 217
45 <212> TYPE: PRT
47 <213> ORGANISM: Escherichia coli
51 <400> SEQUENCE: 1
53 Met Asp Ile Ile Ser Val Ala Leu Lys Arg His Ser Thr Lys Ala Phe
54 1           5           10           15
57 Asp Ala Ser Lys Lys Leu Thr Pro Glu Gln Ala Glu Gln Ile Lys Thr
58           20           25           30
61 Leu Leu Gln Tyr Ser Pro Ser Ser Thr Asn Ser Gln Pro Trp His Phe
62           35           40           45
65 Ile Val Ala Ser Thr Glu Glu Gly Lys Ala Arg Val Ala Lys Ser Ala
66           50           55           60
69 Ala Gly Asn Tyr Val Phe Asn Glu Arg Lys Ile Leu Asp Ala Ser His
70 65           70           75           80
73 Val Val Val Phe Cys Ala Lys Thr Ala Met Asp Asp Ala Trp Leu Lys
74           85           90           95
77 Leu Val Val Asp Gln Glu Asp Ala Asp Gly Arg Phe Ala Thr Pro Glu
78           100          105          110
81 Ala Lys Ala Ala Asn Asp Lys Gly Arg Lys Phe Phe Ala Asp Met His
82           115          120          125
85 Arg Lys Asp Leu His Asp Asp Ala Glu Trp Met Ala Lys Gln Val Tyr
86           130          135          140
89 Leu Asn Val Gly Asn Phe Leu Leu Gly Val Ala Ala Leu Gly Leu Asp
90 145          150          155          160
93 Ala Val Pro Ile Glu Gly Phe Asp Ala Ala Ile Leu Asp Ala Glu Phe
94           165          170          175
97 Gly Leu Lys Glu Lys Gly Tyr Thr Ser Leu Val Val Val Pro Val Gly
98           180          185          190
101 His His Ser Val Glu Asp Phe Asn Ala Thr Leu Pro Lys Ser Arg Leu

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## RAW SEQUENCE LISTING

DATE: 05/26/2006

PATENT APPLICATION: US/10/579,606

TIME: 08:17:21

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05262006\J579606.raw

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111 <211> LENGTH: 654
113 <212> TYPE: DNA
115 <213> ORGANISM: Escherichia coli
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120 atggatatca tttctgtcgc cttaaagcgt cattccacta aggcatttga tgccagcaaa      60
122 aaacttaccc cggaacaggc cgagcagatc aaaactctcc tgcaatacag cccatccagc      120
124 accaactccc agccgtggca ttttattgtt gccagcacgg aagaaggtaa agcgcgtggt      180
126 gccaaatccg ctgccggtaa ttatgtgttc aacgaacgta aaatacttga tgcctcgcac      240
128 gtcgtggtgt tctgtgcaaa aaccgcgatg gacgatgcct ggctgaagct ggttggtgac      300
130 caggaagatg ctgatggccg ctttgccacg ccggaagcga aagccgcgaa cgataaagg      360
132 cgcaagttct tcgccgatat gcaccgtaaa gatctgcatg atgatgcaga gtggatggca      420
134 aaacaggttt atctcaacgt cggtaatttc ctgctcggcg tggcggctct gggctctggac      480
136 gcggtaccca tcgaaggttt tgacgccgcc atcctcgatg cagaatttgg tctgaaagag      540
138 aaaggctaca ccagtctggt ggtagttccg gtgggtcatc acagcgttga agattttaac      600
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/579,606

DATE: 05/26/2006

TIME: 08:17:22

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Output Set: N:\CRF4\05262006\J579606.raw

L:21 M:270 C: Current Application Number differs, Replaced Current Application No

L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date